

Converting Colors

$Yxy(54.6362, 0.4354, 0.4073)$

Have a look what the booklet for
Yxy(54.6362, 0.4354, 0.4073)
contains.

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Color

Yxy(54.6362, 0.4354, 0.4073)

Conversions

Conversions Part 1

Format	Color
Hex	F9B66A
RGB	249, 182, 106
RGB Percent	98%, 71%, 42%
CMY	0.0234, 0.2863, 0.5843
CMYK	0.00, 0.27, 0.57, 0.02
HSL	32°, 92%, 70%
HSV	32°, 57%, 98%
XYZ	58.4056, 54.6362, 21.1006
YIQ	193.3690, 64.3280, -9.4320

Conversions

Conversions Part 2

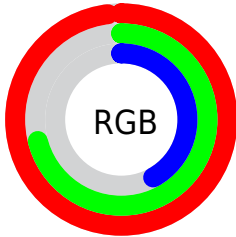
Format	Color
R _Y B	232, 249, 106
Decimal	16365162
CIE Lab	78.83, 16.33, 47.76
CIE LCh	79, 50.479, 71.126
Yxy	54.6362, 0.4354, 0.4073
Android (android.graphics.Color)	4294555242 (0xFFF9B66A)
YUV	193.3690, -43.0729, 48.7884
Hunter-Lab	73.9163, 11.6898, 34.8161

Details

The Yxy color **54.6362, 0.4354, 0.4073** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **39.8072, 0.2195, 0.2299**, and the grayscale version is **53.7891, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.9123, 0.3752, 0.4081**, and **26.8049, 0.4638, 0.4207** is the 20% darker color. If you saturate the color by 10%, you get **49.6107, 0.4618, 0.4166**, and if you desaturate by 10%, it is **60.2160, 0.4094, 0.3952**.

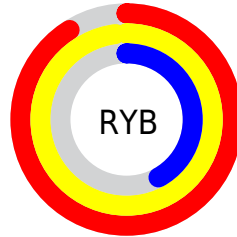
Distribution



Red (98%)

Green (71%)

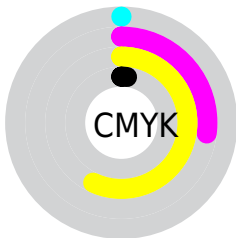
Blue (42%)



Red (91%)

Yellow (98%)

Blue (42%)

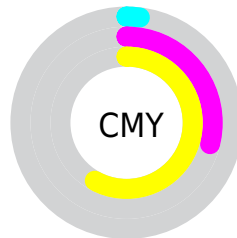


Cyan (0%)

Magenta (27%)

Yellow (57%)

Black (2%)



Cyan (2%)


Magenta (29%)

Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.6362, 0.4354, 0.4073 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 54.6362, 0.4354, 0.4073 by changing the saturation by 10% instead.

 54.6362, 0.4354,
0.4073


 54.6362, 0.4354,
0.4073


404.5314, 0.3770,
0.3733


 39.1105, 0.4485,
0.4139


 97.0077, 0.4152,
0.3963


 26.8457, 0.4643,
0.4212


 124.6224, 0.4073,
0.3918

 17.4574, 0.4834,
0.4289

 157.0355, 0.4005,
0.3877

 10.5611, 0.5064,
0.4361

 194.6314, 0.3946,
0.3842

 5.7726, 0.5422,
0.4472

237.7946, 0.3894,
0.3810

 2.7073, 0.5644,
0.4356

286.9094, 0.3848,

 0.9809, 0.5927,

0.3782

0.4073

342.3602, 0.3807,
0.3756

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

54.6362, 0.4354,
0.4073

54.6362, 0.4354,
0.4073

49.6107, 0.4618,
0.4166

60.2160, 0.4094,
0.3952

45.1083, 0.4874,
0.4217

66.3633, 0.3850,
0.3814

41.1059, 0.5104,
0.4216

73.1002, 0.3625,
0.3670

37.5723, 0.5295,
0.4160

80.4455, 0.3424,
0.3527

■ 36.7334, 0.5341,
0.4141

■ 88.4165, 0.3246,
0.3388

■ 97.0031, 0.3091,
0.3261

■ 98.8863, 0.3090,
0.3290

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



54.6362, 0.4445, 0.3581



54.6362, 0.4354, 0.4073



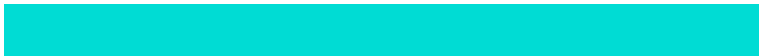
54.6362, 0.3924, 0.4439

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



54.6362, 0.4354, 0.4073



54.6362, 0.2194, 0.3401



54.6362, 0.2833, 0.2358

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



54.6362, 0.4354, 0.4073



39.8072, 0.2195, 0.2299

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



54.6362, 0.2303, 0.2258



54.6362, 0.4354, 0.4073



54.6362, 0.1967, 0.2774

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



54.6362, 0.4354, 0.4073



54.6362, 0.2674, 0.4084



54.6362, 0.2007, 0.2387



54.6362, 0.3510, 0.2651

Rectangle

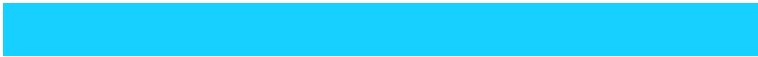
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



54.6362, 0.4354, 0.4073



54.6362, 0.3523, 0.4518



54.6362, 0.2007, 0.2387



54.6362, 0.2634, 0.2302

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



54.6389, 0.4354, 0.4073



85.2303, 0.3416, 0.3521



33.5532, 0.4002, 0.2583



17.8967, 0.3455, 0.3549



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



54.6389, 0.4354, 0.4073



51.5329, 0.4662, 0.4177



88.5249, 0.3932, 0.4658



18.7522, 0.3281, 0.3416



19.9439, 0.5317, 0.4160



2.0595, 0.5146, 0.4296

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



39.8072, 0.2195, 0.2299



34.5558, 0.2029, 0.2055



20.3602, 0.2021, 0.1445



17.9844, 0.2980, 0.3161



10.7138, 0.1742, 0.1472



1.2024, 0.1805, 0.1696

Previews

White Background



This preview shows how the Yxy color 54.6362, 0.4354, 0.4073 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 54.6362, 0.4354, 0.4073 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

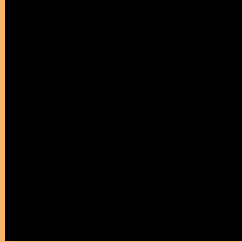
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.6362, 0.4354, 0.4073

Background



This preview shows how black text looks on a background with the Yxy color 54.6362, 0.4354, 0.4073.



This preview shows how white text looks on a background with the Yxy color 54.6362, 0.4354, 0.4073.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

54.6362, 0.4354, 0.4073

Protanopia

55.0746, 0.3934, 0.4279

Deuteranopia

54.4885, 0.4248, 0.4155



Tritanopia

54.6923, 0.3753, 0.3156

Trichromacy



Original Color

54.6362, 0.4354, 0.4073

Protanomaly

54.6966, 0.4082, 0.4208

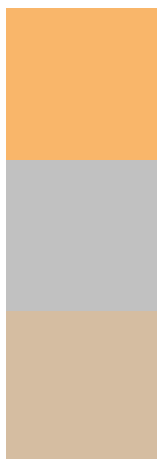
Deuteranomaly

54.7725, 0.4289, 0.4131

Tritanomaly

54.3676, 0.3992, 0.3494

Monochromacy



Original Color

54.6362, 0.4354, 0.4073

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

53.1145, 0.3556, 0.3628

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.6362, 0.4354, 0.4073 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(249, 182, 106)` looks like.

```
.text, #text, p{  
    color:rgb(249, 182, 106)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(249, 182, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 182, 106) }
```

Border

The CSS property to change the border of an element to Yxy 54.6362, 0.4354, 0.4073 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(249, 182, 106) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(249, 182, 106) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(249, 182, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 182, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 182, 106);  
box-shadow:4px 4px 4px 4px rgb(249, 182,  
106) }
```


Background

The CSS property to change the background color of an element to Yxy 54.6362, 0.4354, 0.4073 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 182, 106) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(249,  
182, 106) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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